

Chickamauga and Chattanooga National Military Park

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Chickamauga and Chattanooga National Military Park. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

Chickamauga Battlefield (Georgia)

1. Inductive loop counters are located on the north and southbound lanes of Old Lafayette Road, adjacent to the Visitor Center. The traffic count is multiplied by (0.50) to adjust for same day reentries and the number of recreation vehicles (0.23). The adjusted recreation vehicle total is multiplied by the persons per vehicle multiplier (PPV) of 2.7.
2. Pneumatic tube counters are placed across the east bound lane of McFarland Gap Road, west of Federal Highway 27 and across the west bound lane of Reeds Bridge Road, east of Federal Highway 27. The traffic counts are summed and multiplied by (0.60 to adjust for same day reentries (0.625), duplicate counting) and recreation vehicles (0.048). The adjusted recreation vehicle count is multiplied by the PPV multiplier of 2.7.
3. The number of visitors entering the visitor center.
4. The number of visitors staying overnight in South Post campground.

Lookout Mountain (Tennessee)

1. A turnstile is located at entrance to Point Park. The turnstile count is increased by twenty percent to estimate those visitors not using the turnstile.
2. The number of visitors entering Craven House.
3. A pneumatic tube counter is placed across entrance lane to the picnic area located west of Sanders Road. The traffic count is divided by two to adjust for vehicles entering and exiting the parking area. The adjusted traffic count is multiplied by the PPV multiplier of 2.7.
4. A pneumatic tube is placed across the entrance to the parking area at Signal Point. The traffic count is divided by four to adjust for entering, exiting, and duplicate axle counting. The adjusted traffic count is multiplied by the PPV multiplier of 2.7.
5. The estimated number of visitors at Missionary Ridge and Orchard Knob

Nonrecreation Visits

1. The traffic count on Old Lafayette Road is multiplied by (0.50) to adjust for same day reentries and the number of nonrecreation vehicles (0.77). The adjusted recreation vehicle total is multiplied by

the persons per vehicle multiplier (PPV) of 2.0.

2. The traffic count on McFarland Gap Road and Reeds Bridge Road is summed and multiplied by (0.625) to adjust for same day reentries, duplicate counting (0.60) and nonrecreation vehicles (0.952). The adjusted nonrecreation vehicle count is multiplied by the PPV multiplier of 2.0.

Recreation Visitor Hours

Total Recreation Visitor Hours. The total number of recreation visitor hours is the sum obtained from the subtotals of each of the categories listed in the table below. Each subtotal is the result of multiplying the number of visits associated with each category group.

Point Park
Lookout Mountain
Craven House
Visitor Center

Chickamauga Battlefield
Sanders Picnic Area
Signal Point
Missionary Ridge and

Group camping

The number of recreation visitor hours is the sum obtained from the subtotals of each of the categories listed in Table 1. Each subtotal is the result of multiplying the number of visits associated with each category group.

Table 1
Visitor Hours by Visitor Use and Length of Stay

Visitor Use Area	Average Length of Stay
Point Park	1.0 Hour
Craven House	0.5 Hour
Visitor Center Chickamauga Battlefield	2.15 Hours
Chickamauga Battlefield	2.15 Hours
Sanders Picnic Area	2.0 Hours
Signal Point	0.5 Hour

Visitor Use Area

Average Length of Stay

Missionary Ridge and Orchard Knob

0.5 Hour

Group camping

24 Hours per overnight stay

Nonrecreation Visitor Hours

The number of nonrecreation visitors is multiplied by 0.15 hour (ten minutes).

Overnight Stays

NPS Miscellaneous - South Post Group Campsites

The number of nights stayed by group campers.

Special Use Data

- Line a. The number of visitors to Point Park
- Line b. The number of visitors to Craven House
- Line c. The number of visitors to Battlefield Visitor Center
- Line d. The number of vehicles on Old Lafayette Road
- Line e. The number of vehicles on Reeds Road
- Line f. The number of vehicles on McFarland Gap